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## IN THE CLAIMS

Please amend the specification as follows.

- 1. 35. (Canceled)
- 36. (Currently Amended) A method of attaching a semiconductor die to an organic support structure, comprising:

affixing a first adhesive layer mounted on one side of a polyimide carrier layer to a surface of the organic support structure, wherein the first adhesive layer is a hybrid material having both thermoplastic and thermoset components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin; and

affixing a face of the semiconductor die to a second adhesive layer mounted on an opposing side of the carrier layer, wherein the second adhesive layer is a hybrid material having both thermoplastic and thermoset components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin; and

electrically connecting a plurality of bond pads on the die face with a plurality of lead connections on the organic support structure.

37. (Previously Presented) A method of attaching a semiconductor die to an organic support structure, comprising:

affixing a first adhesive layer mounted on one side of a polyimide carrier layer to a surface of the organic support structure, wherein the first adhesive layer is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin; and

affixing a face of the semiconductor die to a second adhesive layer mounted on an opposing side of the polyimide carrier layer, wherein the second adhesive layer is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin.

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(Currently Amended) A method of attaching a semiconductor die to an organic support 38. structure, comprising:

affixing a first adhesive layer mounted on one side of a polyimide carrier layer to a surface of the organic support structure, wherein the first adhesive layer is a hybrid material having both thermoplastic and thermoset components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin, the first adhesive layer having a thickness of .0005 inches, and the carrier layer having a thickness of .002 inches; and

affixing a face of the semiconductor die to a second adhesive layer mounted on an opposing side of the polyimide carrier layer, wherein the second adhesive layer is a hybrid material having both thermoplastic and thermoset components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin, the second adhesive layer having a thickness of .0005 inches.

39. (Currently Amended) A method of attaching a semiconductor die to an organic support structure, comprising:

contacting a first adhesive layer mounted on one side of a polyimide carrier layer to a surface of the organic support structure, wherein the first adhesive layer comprises a hybrid material having both thermoplastic and thermosetting components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin;

elevating the temperature to 100 degrees C to activate the first adhesive layer; applying pressure to the first adhesive layer and organic support structure to laminate the first adhesive layer to the organic support structure;

contacting a face of the semiconductor die to a second adhesive layer mounted on an opposing side of the carrier layer, wherein the second adhesive layer comprises a hybrid material having both thermoplastic and thermosetting components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin;

elevating the temperature of the second adhesive layer to activate the second adhesive layer; and

applying pressure to the die and organic support structure to laminate the second adhesive layer to the die.

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- 40. (Original) The method of claim 39 further comprising electrically connecting a plurality of bond pads on the die face with a plurality of lead connections on the organic support structure.
- 41. (Original) The method of claim 40 wherein electrically connecting the bond pads to the lead connections comprises wire bonding bond wires to the bond pads and the lead connections.
- 42. (Original) The method of claim 41 further comprising forming an encapsulating material around portions of the die and organic support structure.
- 43. (Canceled)
- (Currently Amended) A method of attaching a semiconductor die to an organic support 44. structure, comprising:

contacting a first adhesive layer mounted on one side of a polyimide carrier layer to a surface of the organic support structure, wherein the first adhesive layer comprises a hybrid material having both thermoplastic and thermosetting components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin;

elevating the temperature of the first adhesive layer to activate the first adhesive layer; applying pressure to the first adhesive layer and organic support structure to laminate the first adhesive layer to the organic support structure, wherein elevating the temperature and applying pressure occurs for 100ms;

contacting a face of the semiconductor die to a second adhesive layer mounted on an opposing side of the polyimide carrier layer, wherein the second adhesive layer comprises a hybrid material having both thermoplastic and thermosetting components is a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin;

elevating the temperature of the second adhesive layer activate the second adhesive layer; applying pressure to the die and organic support structure to laminate the second adhesive layer to the die;

wire bonding bond wires to a plurality of bond pads on the die face with a plurality of

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lead connections on the organic support structure;

applying an encapsulating material over the bond pads, bond wires, lead connections, and a portion of the die face and support structure.

- 45. (Original) The method of claim 44 wherein the encapsulating material comprises a curable glob-top formed by dispensing a viscous curable material.
- 46. (Original) The method of claim 45 further comprising curing the encapsulating material.
- 47. (Original) The method of claim 46 further comprising inverting the organic support structure and applying a second curable glob-top to a perimeter of a back side of the semiconductor die.
- 48. (Canceled)
- 49. (Currently Amended) The method of claim 65 44 further comprising trimming the organic support structure to form a BGA package.
- 50. (Original) The method of claim 49 further comprising electrically interconnecting the BGA package to a receiving component.

METHOD FOR ATTACHING A SEMICONDUCTOR DIE TO A SUBSTRATE

51. (Previously Presented) A method for fabricating a semiconductor package comprising: providing a semiconductor die having a face and a plurality of bond pads; providing an organic support structure comprising a die attach area and a plurality of lead connections:

providing an adhesive tape that includes a polyimide carrier layer between a first adhesive layer and a second adhesive layer, wherein the first adhesive layer and the second adhesive layer each include a Carboxyl Terminated Acrylonitrile Butadiene modified epoxy resin; and

attaching the first adhesive layer to the die attach area of the organic support structure and the second adhesive layer to the die face.

- 52. (Previously Presented) The method of claim 51 further comprising applying low heat to laminate the tape to the die and the organic support structure.
- 53. (Original) The method of claim 52 further comprising applying pressure to laminate the tape to the die and the organic support structure.
- 54. (Original) The method of claim 53 further comprising electrically connecting the bond pads to the lead connections.
- (Original) The method of claim 54 wherein the electrical connection comprises 55. connecting a series of bond wires to the bond pads and to the lead connections.
- 56. (Original) The method of claim 55 further comprising applying a viscous material to cover the bond pads, lead connections, bond wires, and a portion of the organic support structure.
- (Original) The method of claim 56 wherein the viscous material is a curable glob-top. 57.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116 - EXPEDITED PROCEDURE

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58. (Previously Presented) The method of claim 36, wherein affixing the first adhesive layer includes applying pressure and 100 degrees C to the first adhesive layer for 100ms and laminating the first adhesive layer to the support structure.

- 59. (Previously Presented) The method of claim 36, wherein affixing the first adhesive layer includes laminating the tape the first adhesive layer to the organic support structure at ambient temperature.
- 60. (Previously Presented) The method of claim 36, wherein affixing the first adhesive layer includes laminating the first adhesive layer to the organic support structure at 100 degrees C or less.
- 61. (Canceled)
- 62. (Previously Presented) The method of claim 36, wherein the first and second adhesive layers are approximately .0005 inches in thickness.
- 63. (Previously Presented) The method of claim 36, wherein the polyimide carrier layer has a thickness of .002 inches.

64-65. (Cancelled)